

Contents to volume 112

Computational physics

Wei, G.W., D.J. Kouri and D.K. Hoffman Wavelets and distributed approximating functionals	1
Schröer, A., G.T. Birk and A. Kopp	
DENISIS – A three-dimensional partially ionized dusty magnetoplasma code	7
Bowler, D.R. and M.J. Gillan Length-scale ill conditioning in linear-scaling DFT	103
Tuzun, R.E., P. Burkhardt and D. Secrest	
Accurate computation of individual and tables of 3-j and 6-j symbols	112
Computer programs in physics	
Ward, A.J. and J.B. Pendry	
A program for calculating photonic band structures and Green's functions using a non-orthogonal FDTD method	23
Pöschl, W.	40
B-spline finite elements and their efficiency in solving relativistic mean field equations	42
Chen, X. and D.K. Saldin Computation of photoelectron and Auger-electron diffraction. I. Preparation of input data for the cluster calculation PAD1	67
Harp, G.R., Y. Ueda, X. Chen and D.K. Saldin	
Computation of photoelectron and Auger-electron diffraction. II. Multiple scattering cluster calculation	
PAD2	80
Chen, X., G.R. Harp, Y. Ueda and D.K. Saldin	
Computation of photoelectron and Auger-electron diffraction. III. Evaluation of angle-resolved intensities PAD3	91
Hauck, A., L. von Smekal and R. Alkofer Solving the gluon Dyson-Schwinger equation in the Mandelstam approximation	149
Hauck, A., L. von Smekal and R. Alkofer	
Solving a coupled set of truncated QCD Dyson-Schwinger equations	166
Robinson, A.W.	
JavaFit: a platform independent program for interactive nonlinear least-squares fitting using the Levenberg-Marquardt method	183

Avrigeanu, M. and V. Avrigeanu Partial level densities for nuclear data calculations	191
Katsanevas, S. and P. Morawitz SUSYGEN 2.2 – A Monte Carlo event generator for MSSM sparticle production at e^+e^- colliders	227
Book Review	270